MISSISSIPPI STATE DEPARTMENT OF HEALTH

2020 CERTIFICATION

Consumer Confidence Report (CCR)

Mississippi State Hospital
Public Water System Name

0610032
List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

CCR DISTRIBUTION *(Check all boxes that apply.)*

INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)*	DATE ISSUED
☐ Advertisement in local paper *(Attach copy of advertisement)*	
☐ On water bills *(Attach copy of bill)*	
☐ Email message *(Email the message to the address below)*	
☑ Other Campus Table Note Attached	April 26, 2021
DIRECT DELIVERY METHOD *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Distributed via U. S. Postal Mail	
☐ Distributed via E-Mail as a URL *(Provide Direct URL):*	
☐ Distributed via E-Mail as an attachment	
☐ Distributed via E-Mail as text within the body of email message	
☑ Published in local newspaper (attach copy of published CCR or proof of publication)	April 26, 2021
☐ Posted in public places (attach list of locations)	
☐ Posted online at the following address *(Provide Direct URL):*	

CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.

Name	Title	Date
[signature]	Director, MSH	5/5/2021

SUBMISSION OPTIONS *(Select one method ONLY)*

You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576-7800 (NOT PREFERRED)

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

2020 Annual Drinking Water Quality Report
Mississippi State Hospital - Whitfield
PWS ID #: 0610032
April 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Cockfield Formation and Sparta Sand Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Mississippi State Hospital have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Stephen Strong at 601.572.6082. We want our valued customers to be informed about their water utility. A copy of this report will be posted on all bulletin boards and will be available in the main office.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2020	.0015	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020	3.7	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits

14. Copper	N	2017/19*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2020	.834	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	150000	88000 - 150000	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Volatile Organic Contaminants

76. Xylenes	N	2019*	.0025	.0010 - .0025	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories

Disinfection By-Products

81. HAA5	N	2017*	30	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	28.3	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	1	0– 1.3	mg/l	0	MDRL = 4	Water additive used to control microbes

** Most recent sample. No sample required for 2020.*

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected, however, the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the MS STATE HOSPITAL-WHITFIELD is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 92%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

We at Mississippi State Hospital work around the clock to provide top quality water to every tap. After MSDH Regional Engineer conducted the annual inspection, the Mississippi State Hospital PWS received an overall capacity rating of 5.0 out of a possible 5.0.

MISSISSIPPI STATE HOSPITAL

TAKE NOTE

A PUBLICATION FOR EMPLOYEES OF MSH | Vol. 33 No. 17 | APR. 26, 2021

QUARANTINE REPORT / DATA AS OF APR 22, 2021

BUILDINGS ON QUARANTINE / END DATE OF QUARANTINE

No buildings are currently on quarantine.

TOTAL EMPLOYEE TESTING DATA

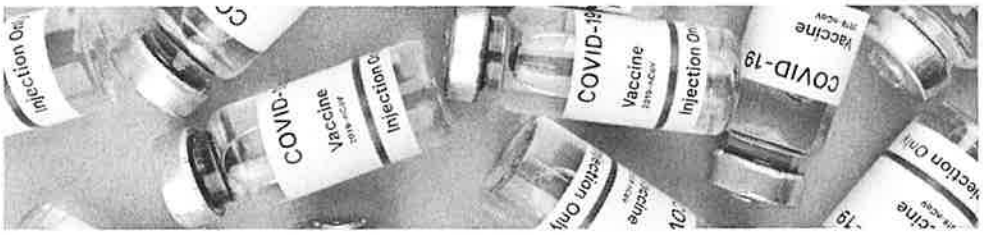
Number tested 827; 178 positive; 649 negative; 0 pending

TOTAL PATIENT / RESIDENT TESTING DATA

Number tested 1261; 105 positive; 1156 negative; 0 pending

CURRENT MASS TESTING RESULTS

Staff (JNH April 20-21): 175 tested; 0 positive; 175 negative; 0 pending



GOOD NEWS IN BATTLE AGAINST COVID-19

COVID-19 numbers continue to trend in the right direction at Mississippi State Hospital. The number of active positive cases among patients and staff has declined markedly from early January, and there are no buildings on quarantine per the latest report from Service Outcome.

The hospital's Jan. 14 Quarantine Report showed nine buildings on quarantine and 46 individuals as active positive cases. Only one building has been on quarantine since April 1, and there was only one individual (a staff member on a support building) with an active positive case as of April 22.

This is reflective of the declining virus positivity rate in the surrounding community but also can be attributed to MSH's efforts to mitigate the spread of the virus.

MSH began vaccinations of staff in late December and of Jaquith Nursing Home residents in mid-January. The staff screening process with temperature checks has been in place at the campus entrance for more than a year. The campus mask policy and other safety protocols continue to be stressed. Off-campus visitors are, with rare exception, still prohibited.

There is a stringent safety protocol for new patient admissions, who are tested before they are assigned to a building. MSH now has several point-of-care COVID-19 testing machines, which are key in quickly identifying positive cases and determining quarantine situations on the buildings. Testing of JNH staff and residents is a standard procedure.

ANNUAL TRAINING FAIR MAY 1-31

Staff Education is pleased to announce that Annual Training Fair will be available online for EVERYONE again this year, May 1-31, 2021. In order to continue to promote social distancing, the ATF information will be on-line via the Intranet and Relias (for those who have accounts). This will allow the staff to complete the test on the buildings while being proctored by their supervisors/shift leaders or a designee.

***PLEASE WATCH Suicide Prevention Video via DVD on your building or the Intranet.**

Access Information:

ATF from computer:

1. Click on the direct link found on the MSH Intranet main page for "2021 Annual Training Fair Comprehensive Test" (Test, Test Booklet, Answer sheet, MSH-1115C, Vulnerable Person Acknowledgement and Flu Questionnaire will be located here.)

2. Once test is completed please click on the direct link found on the MSH Intranet main page for "Suicide Prevention Video" to watch video or watch DVD on your building.

3. Once test is completed and video

Continued on back

TAKE NOTE

has been watched by ALL staff on the building, their supervisors/shift leaders or the designee appointed will mail each staff's original answer sheet (completed in black ink), signed MSH-1115C, signed Vulnerable Person Acknowledgement, flu questionnaire, and the MSH-55 signed by all staff to Staff Education for grading. When all items have been received, completion will be verified by each participant by receiving an Annual Training Fair Certificate of Completion in the Mail.

If you have questions, contact Charlotte Wilks-Brent, Staff Education Department, ext. 8079.

CHAPEL SERVICES TO RETURN MAY 10

The Department of Pastoral Care is relaunching Chapel Services the week of May 10, 2021. Here is the schedule:

Chapel Weekly Worship Service Hours
Monday-Thursday, 1:30 pm – 2:30 pm

Chapel Worship Service Building Rotation
Monday 1:30 pm – JNH Buildings 28, 31, 33, 34, 78
Tuesday 1:30 pm – CDU Buildings 81, 87
Wednesday 9 am – Youth Building 23
Wednesday 1:30 pm – 43, 45, 46
Thursday 1:30 pm – 90, 201, 203

Chapel Prayer Hours
Monday-Thursday, 8 am – 1 pm

The Chapel is closed Fridays for cleaning. Any additional questions, please contact Chaplain Melvin Collins at ext. 4382.

CURA MENU APRIL 26-30

Breakfast and lunch are available each weekday in the Employee Cafeteria on Building 56. **See attachment.**

CALENDAR IMPORTANT DATES

APR. 26..... CONFEDERATE MEMORIAL DAY / STATE HOLIDAY
MAY 31..... MEMORIAL DAY

WEEKLY JOB POSTINGS

INTERNAL AND EXTERNAL

MH- RECREATION THERAPIST I, *(TRS)*

WAREHOUSE CLERK II, *(BUILDING 93)*

SOCIAL SERVICES DIRECTOR, *(SOCIAL SERVICES)*

BEHAVIORAL HEALTH SPECIALIST I, *(BUILDING 87)*

COORD HLTH FAC QUAL ASSURANCE, *(ADMINISTRATION)*

MONTHLY ANNOUNCEMENTS

PLEASE SEE ATTACHED THE ANNUAL DRINKING WATER QUALITY REPORT.

RELIAS COURSES OFFERED FOR APRIL

"Addressing Suicide in Adolescents and Transition Age Youth," "AIRS: An Overview for Resource Specialists," "AIRS: Confidentiality in Information and Referral Services," and "AIRS: Crisis Intervention within Information and Referral" are a series of courses that can be accessed on Relias at anytime and anywhere there is Internet access. The Computer Lab on B-65 is available for anyone needing to use a computer to complete these courses. Contact Sophia Jefferson at ext. 8425 or via e-mail at sophia.jefferson@msh.state.ms.us for more information.

CONGRATULATIONS

The Environmental Services Department would like to give recognition to Building 203/Ward 4 for an Outstanding Housekeeping EOC Round. Congratulations to Housekeepers Barbara Williams and Tina Welborn.

REMINDER: Even if you have received the COVID-19 vaccine, you must still wear a mask and follow all PPE protocols on your building.